

# MIT MECH E

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## Nicholas Makris

*Professor of Mechanical and Ocean Engineering  
Director of the Laboratory for Undersea Remote Sensing*

Room 5-212  
Massachusetts Institute of Technology  
77 Massachusetts Avenue  
Cambridge MA 02139-4307  
Phone: 617-258-6104  
Fax: 617-253-2350  
Email: [makris@mit.edu](mailto:makris@mit.edu)  
Web: <http://acoustics.mit.edu/faculty/makris/makris.html>



### People

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#### **Administrative Contact:**

Geoff Fox  
Room 5-204  
Phone: 617-253-9344  
Email: [gfox@mit.edu](mailto:gfox@mit.edu)

#### **Research Interests**

Ocean exploration, undersea remote sensing of marine life and geophysical phenomena, census of marine life, wave propagation and scattering theory in remote sensing through random media and waveguides, statistical estimation and information theory in sensing, linear and nonlinear acoustics and seismics, Europa exploration.

#### **Teaching Interests**

Acoustics and Sensing, Statistical Estimation, Dynamics and Mechanical Vibration.

#### **Education**

Massachusetts Institute of Technology SB 1983  
Massachusetts Institute of Technology PhD 1991

#### **Honors and Awards**

- NASA Group Achievement Award to Jupiter Icy Moons Orbiter Science Definition Team April 2005
- Doherty Professor of Ocean Utilization July 2000
- Edgerly Fellow March 2000
- Secretary of the Navy/Chief of Naval Operations Scholar of Oceanographic Sciences 1999-2003
- Fellow of the Acoustical Society of America Dec. 1997
- ONR Young Investigator May 1996
- Alan Berman Outstanding Publication Award, NRL 1996
- A. B. Wood Medal, Institute of Acoustics, UK 1995
- Navy Special Act Award Feb. 1994

## **Memberships**

American Association for the Advancement of Science (AAAS)

Acoustical Society of America (ASA)

American Geophysical Union (AGU)

Optical Society of America (OSA)

NASA Astrobiological Institute (NAI)

Census of Marine Life (CoML)

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Massachusetts Institute of Technology | Department of Mechanical Engineering  
77 Massachusetts Avenue, Room 3-173 | Cambridge, Massachusetts 02139